

operation in which the operating voltage is 1V or less. In this case, the modulator length L is the length in the direction of the waveguide of the region of active layer 11 that substantially absorbs the oscillation light from distributed feedback laser section 1a.

Newly presented claims 22-26 are thus patentable for these additional reasons.

Conclusion

The Examiner is thanked for considering the Information Disclosure Statement filed August 18, 2006 and for making an initialed PTO-1449 Form of record in the application.

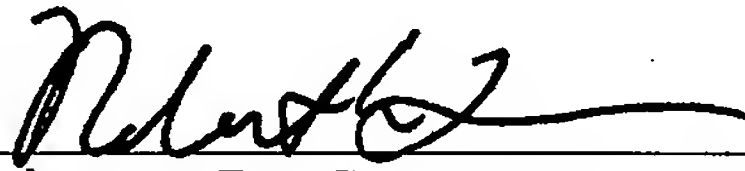
Prior art of record but not utilized is believed to be non-pertinent to the instant claims.

It is believed that the objections and rejections have been overcome, obviated or rendered moot and that no issues remain. The Examiner is accordingly respectfully requested to place the application in condition for allowance and to issue a Notice of Allowability.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

YOUNG & THOMPSON



Robert E. Goozner, Reg. No. 42,593
209 Madison Street, Suite 500
Alexandria, VA 22314
Telephone (703) 521-2297
Telefax (703) 685-0573
(703) 979-4709

REG/lrs

APPENDIX:

The Appendix includes the following item:

- replacement drawing sheet for Figure 1